OIPE IAP53
JUN 16 2006
PATENT & TRADEMARK OFFICE

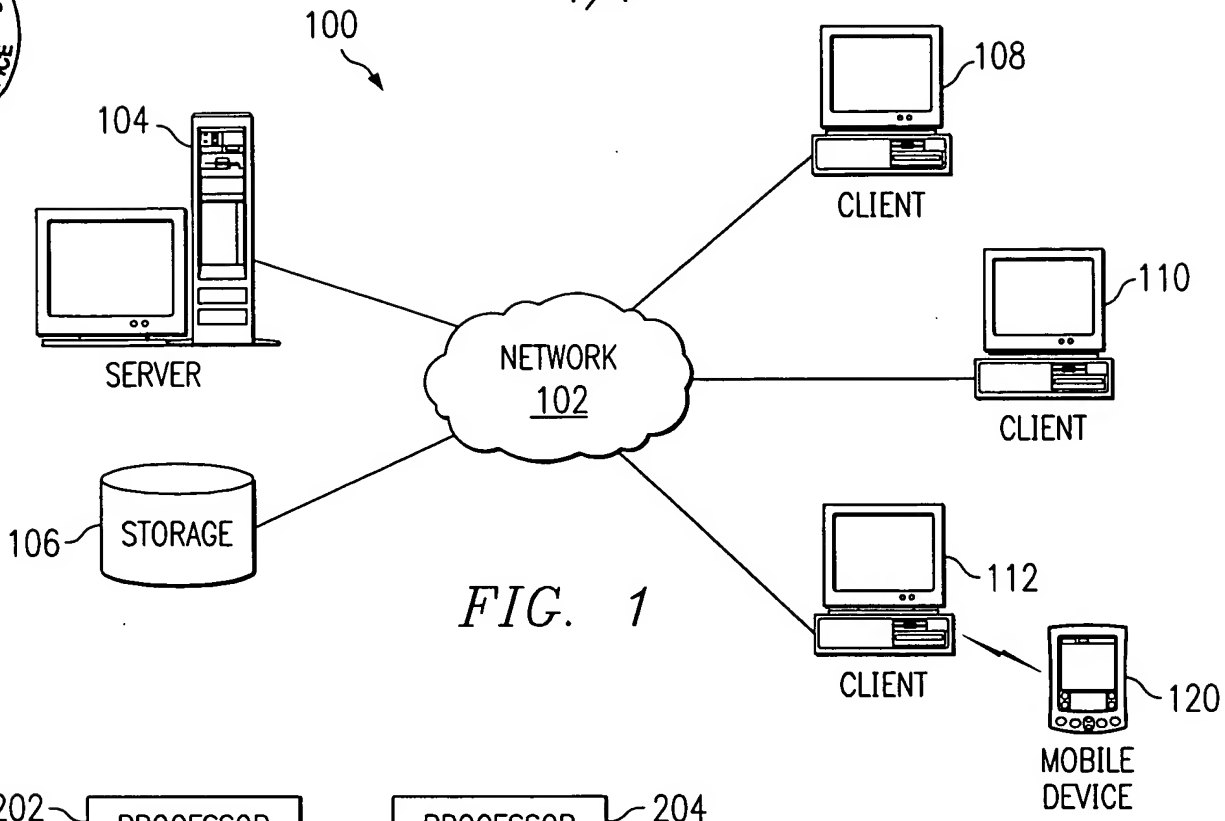


FIG. 1

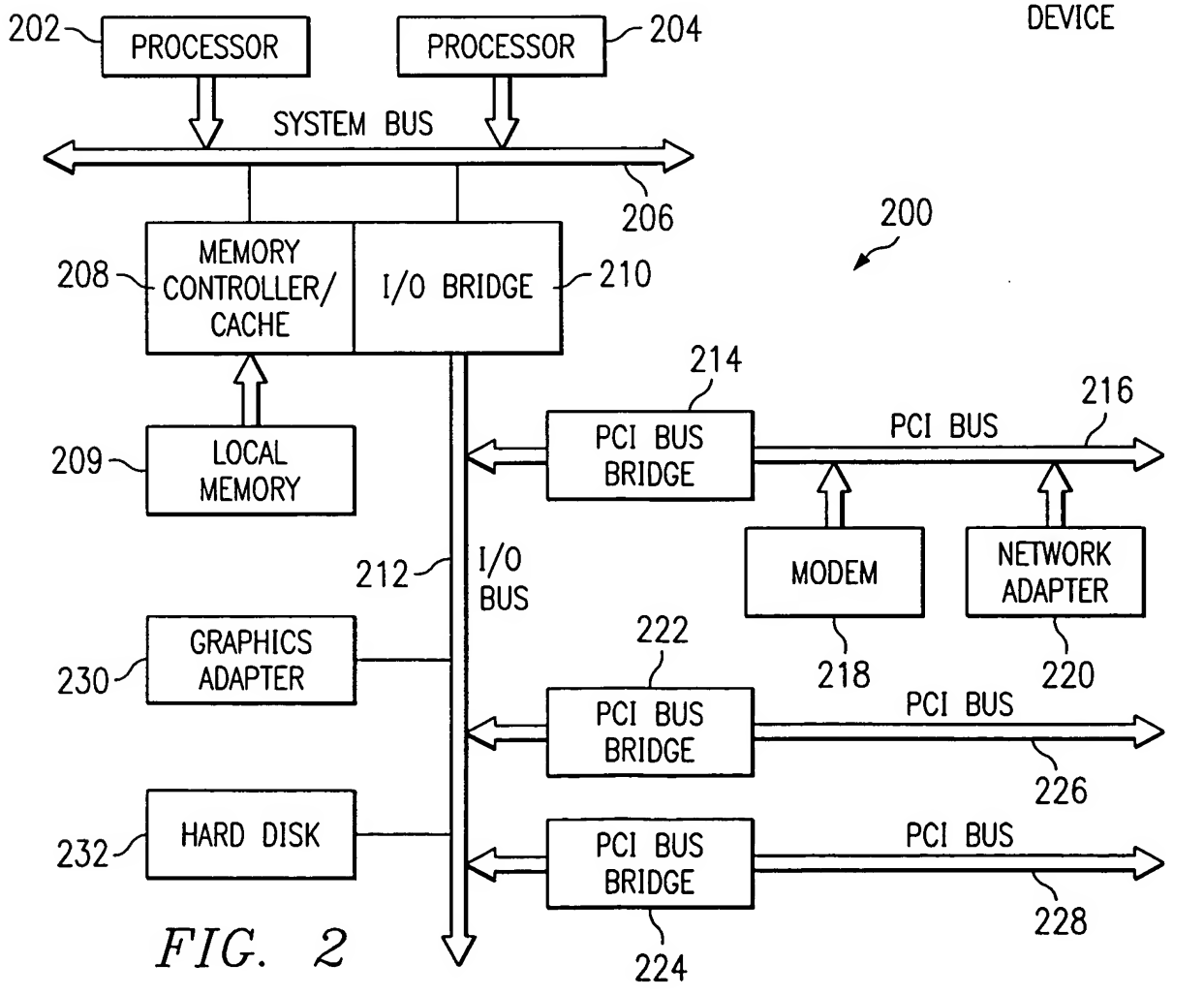


FIG. 2

FIG. 3

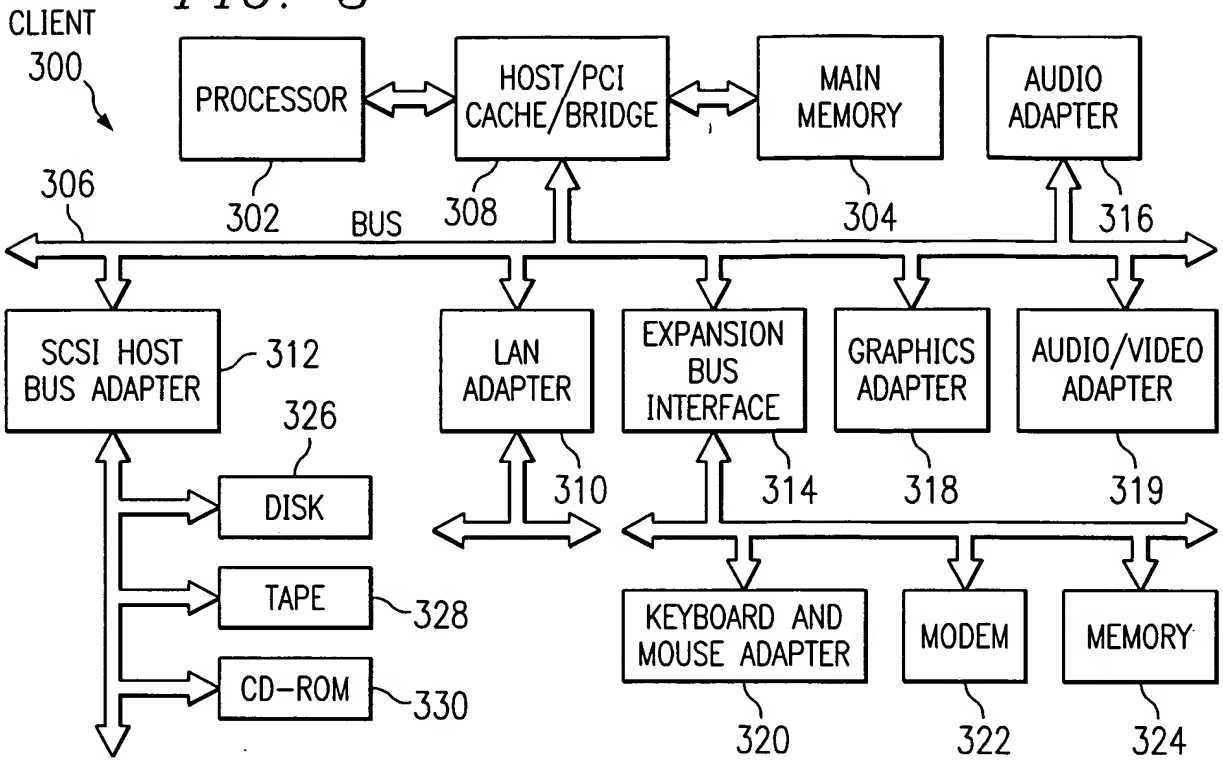
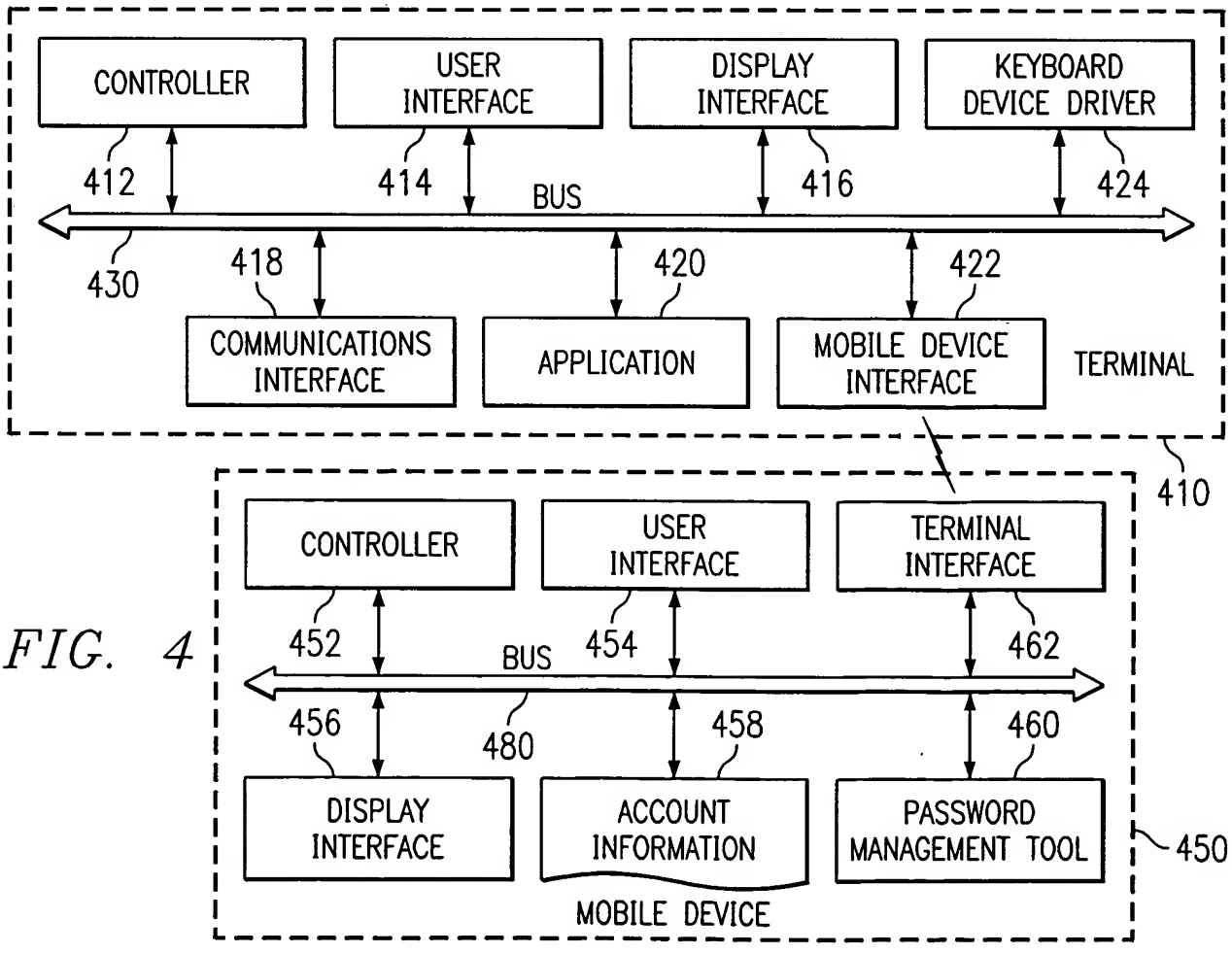

CLIENT
300
PROCESSOR
HOST/PCI CACHE/BRIDGE
MAIN MEMORY
AUDIO ADAPTER
306
302
BUS
308
304
316
SCSI HOST BUS ADAPTER
312
LAN ADAPTER
EXPANSION BUS INTERFACE
GRAPHICS ADAPTER
AUDIO/VIDEO ADAPTER
326
DISK
310
314
318
319
TAPE
328
KEYBOARD AND MOUSE ADAPTER
MODEM
MEMORY
CD-ROM
330
320
322
324

FIG. 4


CONTROLLER
USER INTERFACE
DISPLAY INTERFACE
KEYBOARD DEVICE DRIVER
412
414
BUS
416
424
430
418
420
422
COMMUNICATIONS INTERFACE
APPLICATION
MOBILE DEVICE INTERFACE
TERMINAL
410
CONTROLLER
USER INTERFACE
TERMINAL INTERFACE
452
454
BUS
462
456
480
458
460
DISPLAY INTERFACE
ACCOUNT INFORMATION
PASSWORD MANAGEMENT TOOL
450
MOBILE DEVICE

RESOURCE	ACCOUNT ID	PASSWORD
E-MAIL	ACC1	PASS1
WEB SHOPPING	ACC2	PASS2
BANKING	ACC3	PASS3
ONLINE SERVICE	ACC4	PASS4

502 504 506 500

FIG. 5

FIG. 6A

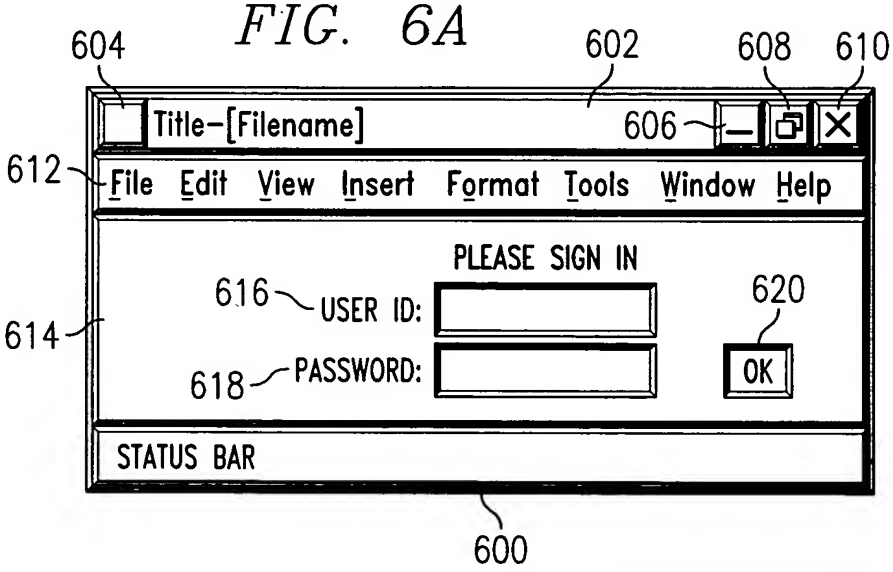


FIG. 6B

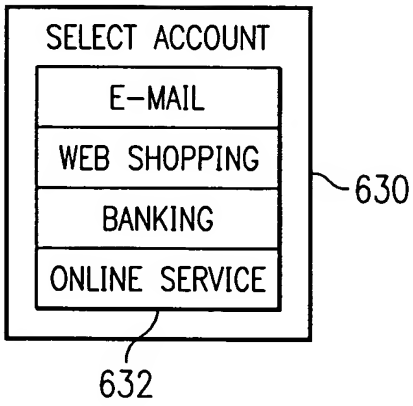


FIG. 6C

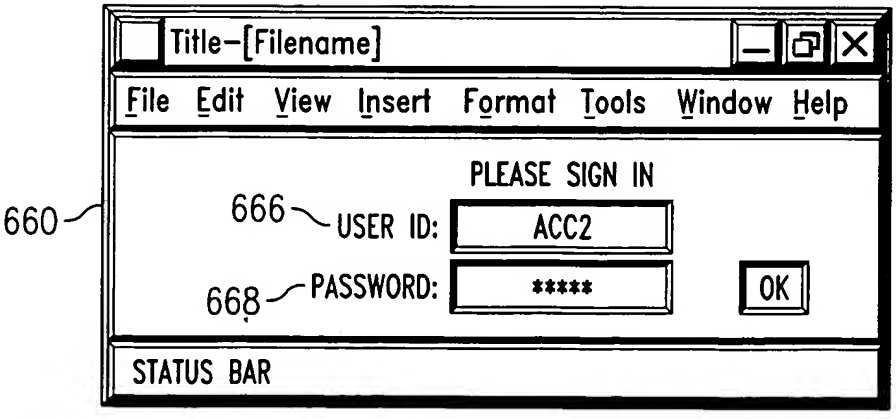


FIG. 7

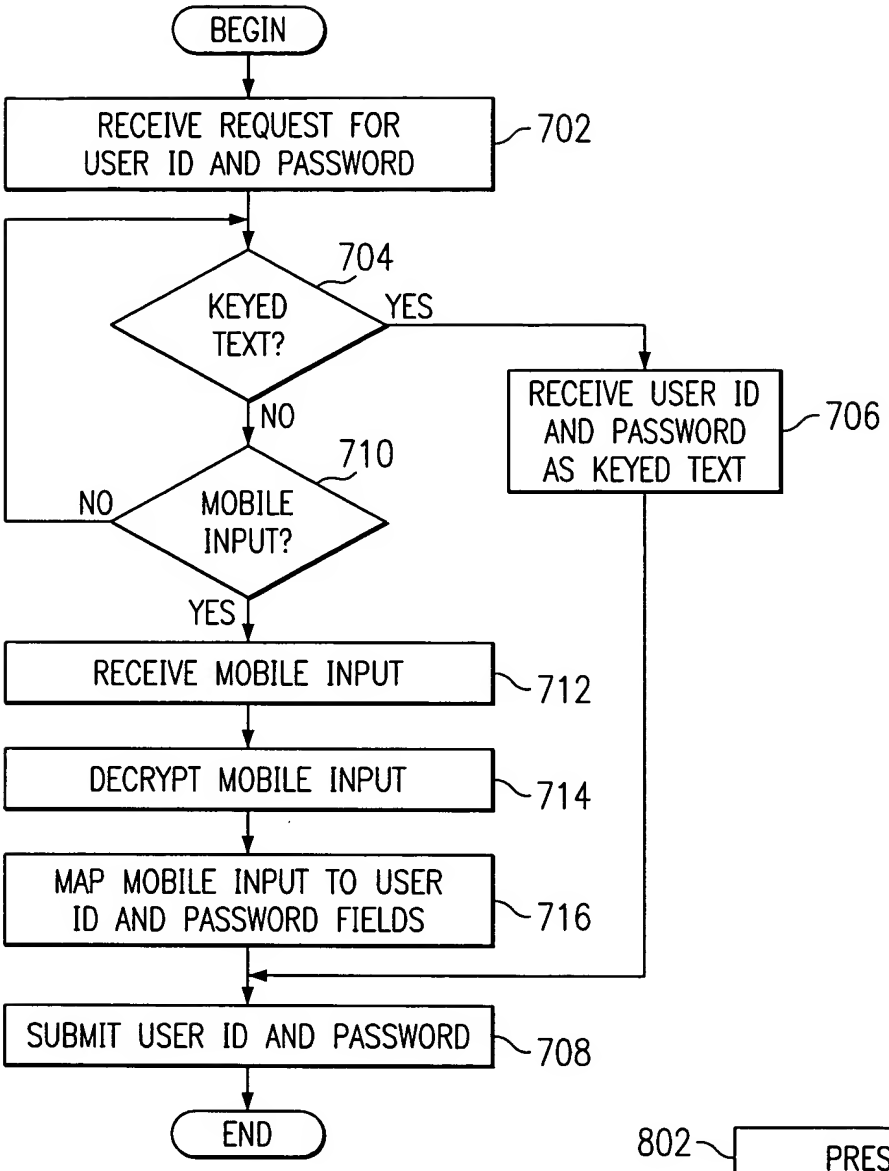
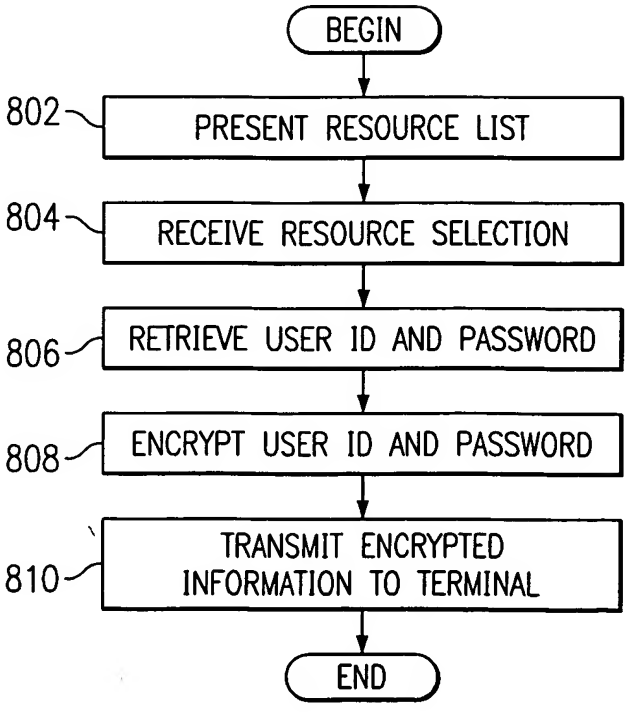

BEGIN
RECEIVE REQUEST FOR USER ID AND PASSWORD
702
704
KEYED TEXT?
YES
NO
RECEIVE USER ID AND PASSWORD AS KEYED TEXT
706
710
NO
MOBILE INPUT?
YES
RECEIVE MOBILE INPUT
712
DECRYPT MOBILE INPUT
714
MAP MOBILE INPUT TO USER ID AND PASSWORD FIELDS
716
SUBMIT USER ID AND PASSWORD
708
END

FIG. 8


BEGIN
802
PRESENT RESOURCE LIST
804
RECEIVE RESOURCE SELECTION
806
RETRIEVE USER ID AND PASSWORD
808
ENCRYPT USER ID AND PASSWORD
810
TRANSMIT ENCRYPTED INFORMATION TO TERMINAL
END